



SEQUENCE LISTING

<110> Albert Paul; and Lemonde, Sylvie

<120> Mutations of the 5' region of the human 5-HT1A gene, associated proteins of the 5' region and a diagnostic test for major depression and related mental illnesses

<130> 881014US1

<140> 09/430,412

<141> 1999-10-29

<150> 60/106,375

<151> 1998-10-30

<160> 7

<170> PatentIn Ver. 2.1

<210> 1

<211> 3045

<212> DNA

<213> human

<400> 1

```

atcatcaata atatccgtta taaagcttgc ttttctttag gttaacttta gaggccttga 60
agaataagag ctcatctctt tacaggagct ttggtttgca gcatttactt aagaaatatt 120
tggtattctg tatctttaag agttaaacat agaagaattg gctaagtga aatgaatgaa 180
acgcaatatc attctgcata tatcatttat tatatatcac agtattatta gttttaaaag 240
ttaaacataa atatctatta tgycattgsa cgaytaggys aacctartcr gtgctgcgaa 300
tactttcgat acttctgttt cctccttagt attcataagt gtgcctttga aaacgtttta 360
aattgtaaga aataaaatgt ttgatataat atgtatatta ttactaagaa aaaacttgaa 420
ttacttttga ttttgaaaaa ctttgataaa ttctacatca tagcatattg aagcaagaat 480
aacaatgct atacctcagg aatattaatt ccagatttta cagcatttta actttcttga 540
tgagaaaaaa taaatttgtc agttattaaa ctatttggat ccaacagatg aaagcagaat 600
tctaactaac atattttattg atttatttgt gatttacata ttacatgtg ttgtttgaca 660
caattcttaa ttatgttctt gatatgcata tatttgcttc ttaaatttta agtttccttt 720
attttacttt gtttatagtc tcaactataa tttcaaagtt taatttttaga taattcagcc 780
ttttaaatat tttcccatTA taatttttgt gacctctaac tctattttta ctgtaaatat 840
agttctgtat ttgtgaagag actttagaag tggaaataga taccttcaca aatcttaaaa 900
gacttcttca gagtctgtaa acagcattac catgtatact tatctctttc tttgcattgc 960
atgatcatca caatgcatgg ctcatgtggt ggcattgctga atgattgagt gggactgtgc 1020
cagctgaact ataaaaaaaa aaaacaaaca aaaccttatc caaacacact gtccctgtatt 1080
gtaatgcatt ggcccaactg gattcttttt gatgctttgg tgattgctct tttgtttggg 1140
cttgagagaat tcagagctat gaaattcaga gctcagattt gaacacaata ttaagattat 1200
tgcaatctgt agtgaatctg ttcattgttat ccagtgctca ctgcttttga gattgcattc 1260
ctttcacctc aggcattgcaa tcaggatgta taagtgaat gttgtgtggt atgtttactg 1320
tagttgctta gaagtcattt ctttaccatt gctcaaagt gattaaattt gttttcttgt 1380
taaaggaaac agcttagaac aaaccttgtt aagtatcttt atttcagtga tttacattt 1440
ccaaatgtta aatcattttg aaaaatgcaat actattcgtt tctccaacaa aaggtaaatt 1500
tatgtcagtt ccaaagttca gggtatgaca gcacaaaacc aacacaggtg aaagtgttag 1560
cctagcttta ttaaaatggc attcccagtt agaacttggt aatgacagat acttcaggct 1620
ttcgaaggaa gctaaaacat ataataggcc tgatatataa gggtcagagc aaaagagggc 1680
actaaaataa attttttaaag aaaataggaa ggagacaaaa ctcaatacta ctttgtcttt 1740
taataactgt cttcctcttt ctaaaagttg ttgtatttcc tcaatacttg cttcatttct 1800
ggcataaggg tttccagatg gcactctaaa acatttgcca gaaggtggcg aacataaaac 1860
ctcattgctt agaactgtcc caggtgctga acccagtttc tgagattaag agaggctagc 1920
cggctagcga accgggattc caccaagttt ccccagagg tttgcaggct ctggtaagaa 1980

```

RECEIVED

SEP 17 2003

TECH CENTER 1600/2900

```

gtgcaaaagg ccatgtgaaa tgccaggctt cacttagaac acatatgcaa aatattttcca 2040
tccctgaatt tactagccac aaagctatgg gaagtggcag tgtcactgaa attacaagtg 2100
tagtagtgat ggaaaagtgt gtgtgtgttt agaatatata tcacactgag ttttgttctt 2160
catttcgaga tgcagttggt tacctctcct tgtcctttga cacgtccttt ataatttcgt 2220
tctctcccgg ttccccaacg ttaaaaaaaaa agtcacaggc aatattctcc ctgagggagt 2280
aaggctggac tgttagatga taacggaggt accgttttgt tgttggtgtc gtcgttggtc 2340
gtttgttttt ggagacggag tctcgctctg tcgcccaggc tggagtgcaa tggcgcgaga 2400
acggaggtag ctttttaaaa acgaagacac actcgggtctt cttccatcaa ttagcaataa 2460
ttgggagact gaccagggac tgttcacctt cccattcagg ctccctatgc ttccttttct 2520
catctcctat tgccactctg ggatgctgac acgatttaag aatttggcag ataatatgag 2580
gcaaggagta gttggaattc cctcccccaa gtttttccaa ccccagtttt gctgggttgg 2640
aggcggagtt tatttgttac aaccttggtc tgaccggcag gatctggtgt gtgtaagtga 2700
gttctgagtc tctgttgaca aaaagagact cgaatgcaaa gacgctgagc tagagggaga 2760
ggagggcggg gaccagagg aaagaggcac tcctcggggt tggggaagta ttaggagggg 2820
agggttagag tgggagggaa ggagcctggc tttcgaagcg actcacagag ggataaataa 2880
agggaagtga ggaggaagag ggagactgaa agggaaggca ggtggggaga agggggacga 2940
aagaggcaga agagagagaa gagaggagga gagaggggga gagagggaag gaaggaaata 3000
gggagaggag ggtcacagag tgaccgtgga ggatggggct tctcg 3045

```

```

<210> 2
<211> 24
<212> DNA
<213> human

```

```

<220>
<221> misc_features
<222> (1)...(24)
<223> n=a, c, g, or t

```

```

<400> 2
aacgaagacn nnnnnngtct tctt

```

24

```

<210> 3
<211> 20
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Description of Artificial Sequence: sense primer

```

```

<400> 3
gtggcgaaca taaaacctca

```

20

```

<210> 4
<211> 21
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Description of Artificial Sequence: antisense
primer

```

```

<400> 4
ttcttaaatac gtgtcagcat c

```

21

<210> 5
<211> 29
<212> DNA
<213> human

<400> 5
ttaaaaacga agacacactc ggtcttctt 29

<210> 6
<211> 29
<212> DNA
<213> human

<400> 6
ggaagaagac cgagtgtgtc ttcgttttt 29

<210> 7
<211> 31
<212> DNA
<213> rat

<400> 7
cggcataagc aagcccttat tgcacagagc t 31